Micheal Oyenekan

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SKILLS SUMMARY

- Software & Hardware Engineering: Data Structure, Algorithm, C++, C, Python, Java, API, JavaScript, PHP, Embedded Systems, FreeRTOS, Bash, Shell scripting JSON for IAM policies
- Data Science: Relational database, MySQL, Text processing, Machine learning, Hadoop, Big Data
- AWS: IAM, EC2, S3, CloudFront, AWS organizations, CloudWatch
- DevOps tools: GitHub, Git-Bash, Trello, Jira
- Platforms: AWS, Heroku, Linux, Windows, Power BI

EDUCATION

Bachelor of Science in Computer Engineering   *(January 2020 to July 2022)*
University of Arkansas, Fayetteville, AR | 3.2
Associate of Science in Computer Science   *(August 2017 to December 2019)*
NorthWest Arkansas Community College, Bentonville, AR | 3.7

ENGINEERING PROJECTS

Predicting Sales – Simpleaf Brands   *(Fall 2021)*
- Conducted a big data research to predict the demand of products sold
- Define problem statement, data collection, data cleaning, data exploration, data modeling, and model evaluation

Autonomous Robot Car at University of Arkansas   *(Fall 2021)*
- Used Xilinx to create a SoC which includes the peripherals necessary for communication with sensors
- Robot component - two infrared Proximity Sensors, two Pmod MAXSONAR sensors, two Motors and Robot car chassis and Arty board A7
- C programing with Xilinx API was used to implement robot with timer, interrupt, and Free RTOS
- Robot car functionality include - Turn car into a race car line, car should drive around the track with wheels on either side of the track, uses the infrared Proximity Sensors to detect when car drives over the line and car back onto the track, uses the Pmod MAXSONAR sensors to detect obstacles and stops the car if obstacle is detected

J.B. HUNT Hackathon Project - Data Visualizer   *(Fall 2021)*
- Created a database system that uses MySQL on a server to track updates on a clinic website. The website allows user to enter information to the database and process query from the database
- Technology: Server, PHP, MySQL, Html, CSS, JavaScript, Bootstrap, Power BI

J.B. HUNT Hackathon Project- Blackboard to Google Calendar, ranked 2nd Place *(Spring 2021)*
- A 24hr competition where each team is required to create an idea and execute it between 24hr
- Member of a 5-person team created a program that has a user interface written in C# to organize student's assignments by exporting its due dates from Blackboard to Google Calendar with the use of Google API

Mario Slide scroller Game   **(**_Fall 2020_)
- Designed 2D game application using model view architecture, that could read and write .JSON files
- Implemented using polymorphism, inheritance, and an abstract class
- Originally written in Java and ported to Java Script, and Python
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COMPUTER ENGINEERING WORK EXPERIENCE

Software Engineer Intern | Giltner Logistics | Fayetteville, AR   *(January 2022 to Present)*
- Use PHP, Python, Bootstrap, MySQL, JavaScript, jQuery, and Django framework to develop web applications
- Having experienced in Agile Methodologies, Scrum stories and sprints experience.
- Coordinate with teams to understand user requirements and provide technical solutions
- Test, debug programs, and updating existing code as well as assess and prioritize feature requests
- Performed client-side validations using JavaScript
- Create and maintain database driven scripts.

Cloud Engineer Intern | Simpleaf Brands | Dallas, TX   *(May 2021 to July 2021)*
- Provision AWS resources using management console as well as Command Line Interface
- Using IAM to give access to users, roles, and group of employees in the organization
- Workflow on Amazon Web services like EC2, S3, IAM, and DevOps tools like Git, GitHub, and Maven
- Part of a team of DevOps engineer for infrastructure support on AWS cloud. Creating cloud formation scripts for hosting software on AWS cloud. Automating the installation of software through PowerShell scripts.
- Big data research to predict demand sales with the use of 2 machine learning algorithm of a 6-month dataset

IT Asset Management | Univ. of Arkansas | Fayetteville, AR   *(September 2020 to Present)*
- Maintain a high level of customer service while adhering to departmental and university standard operating procedures
- Assists the IT Asset Coordinator with supporting efforts to receive and track IT assets.
- Troubleshooting computer system problems or errors and devise corrective measures
- Learnt how to use software like Power BI to analyze data Assist with record-keeping
- Used Microsoft office application and Digital Measure for data entries

Sensor Integration and Development Engineer | Univ. of Arkansas *(February 2020 to August 2020)*
- Member of The Official University of Arkansas NASA Robotics Mining Competition Team, focusing on Computer Systems (Automation) and navigation team to create autonomous robotic platform through the use of C++, computer vision and IR technologies
- Currently working on figuring out how to control a tank style drive system to quickly point in a direction in the reference frame based on current direction for the NASA Robotics Mining Competition Team

ORGANIZATIONS/LEADERSHIP
- Arkansas Men Soccer Club, University of Arkansas, AR   *(Fall 2020 to Present)*
- African Student Organization, University of Arkansas, AR   *(Fall 2020 to Spring 2021)*
- The Service-Learning Project, Academic Mentor, NWACC, AR   *(Fall 2019)*
- Student Ambassador and Government Association, Academic Mentor, NWACC, AR *(Fall 2018)*

HONORS
- Chancellor Student Success Scholarship, University of Arkansas *(2021)*
- New Arkansan Non-Resident Tuition Award Scholarship- Award amount 90% *(2020 to Present)*
- Phi Theta Kappa   *(Fall 2017 to 2020)*
- Outstanding Student Leader Award, NWACC, Bentonville, AR   *(2017 to 2019)*

VOLUNTEER EXPERIENCE
- Arkansas Community College Leadership Institute   *(2021)*
- Fundraising Volunteer for Plant A Seed and Inspire a Dream   *(2019)*